

(DC-5186)

Innovations in Production Technology in Synthetic
Ammonia and Ammonia Processing in Chilin Fertilizer
Plant, 4 pp

CHINESE, per, Hua-hsueh Kung-eh, No 4,
21 Feb 1960, pp 37, 38.

JPRS 8783

169,198

ASIA - China

Econ

Sep 61

(DC-5186)

Some Technical Problems in Utilizing Native Blast
Furnaces to Produce Calcium Magnesium Phosphate
Fertilizer, 6 pp.

CHINESE, per, Hua-hsueh Kung-yea, No 4,
21 Feb 1960, pp 38-40.

JPRS 8783

169,201

ASIA - China

Econ.

Sep 61

(DC-3921).

The Investment-Contract System is a Powerful
Weapon for the Attainment of Victory in
Basic Construction, 6 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 4, 1960;
pp 45, 46.

JPRS 6121

FE - China
Econ
20 Oct 60

129,757

(DC-3951).

Utilize the Fortress of the Party Cells to make
Advances ~~of~~ On Mechanization and Automation,
2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 5, 1960,
p 19. (Excerpts).

JPRS 6121

FE - China
Econ
20 Oct 60

(DC-3951).

Push Mechanization and Automation So as to Spark the
Technical Revolution Movement to a New High Tide,
2 pp.

CHINESE, per, Hua-hsueh Kung-yeh; No 5, 1960,
pp 24,25. (Excerpts).

JPRS 6121

FE - China
Econ
20 Oct 60

(DC-3951).

Small-Scale Contact Process Sulphuric Acid Production
is Impressive, 1 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 5, 1960,
p 36. (Excerpts)

JPRS 6121

FE - China
Econ
20 Oct 60

(DC-5278)

Higher Baking Intensity for Mechanical Furnace
and Lower Gas Temperature in Gas Purifying Stage,
7 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 5,
6 Mar 1960, pp 37-39.

JPRS 8775

FE - China

Econ

Sep 61

166, 190

(DC-3951).

Trends in Chemical Industry, 4 pp.

CHINESE, per, Hua-haush Kung-yeh, No 5, 1960,
p 44.

JPRS 6121

FE - China
Econ
20 Oct 60

129,758

(DC-5278).

Native Manufacturing Methods of Small Contact Sulfur
Plant in Using Diatomaceous Earth Quasi-Catalysts,
by Tung Te-ch'ang,

CHINESE, per, Hua-hsueh Kung-yeh, No 5, 6 Mar 1960,
p 47 continuing on p 15.

*JPRS

Sci - Chem

2 Feb 61

(DC-3951).

Chemical Industry Technology News, 3 pp.

CHINESE, per, Hua-hszeh Kung-yeh, No 5, 1960,
p 48.

JPRS 6:121

FE - China
Econ
20 Oct 60

129,751

(DC-3951).

1960 Plans for Technical Innovation and Technical
Revolution, 7 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 1960,
pp 7-10. (Excerpts)

JPRS 6121

S FE - China
Econ
20 Oct 60

129,752

(DC-3951).

Raise Small Scale Contact Sulphuric Acid
Production to Still Higher Levels Through
Constant Revolution, 4 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 1960,
pp 30, 31.

JPRS 6121

FE - China
Econ
20 Oct 60

129,753

#35

(Ac. 3951)

New Synthetic Ammonia Unit Goes Into Production in
Anhwei, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 21 Mar 1960,
pp 32.

*JPRS 6/21

FE - China

Econ

23 May 60

(DC-3951).

Fall in Line With Progressive Units, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 1960,
p 33.

JPRS 6121

FE - China
Econ
20 Oct 60

#35

(No. 375)

Regard With Respect Progressive Units, 2 PM

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 21 Mar 1960,
p 33.

*JPRS 6121

FE - China

Econ

23 May 60

(DC-5275).

Initial Experiments in Using Lime to Treat Arsenic
Fluorine Waste Water in Sulfuric Acid Production, by
Ling Ch'ien,

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 21 Mar 1960,
p 34.

*JPRS

Sci - Chem

2 Feb 61

(DC-3951).

A Little Thinking Goes a Long Way in Aiding
Production, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 1960,
p 42. (Excerpts)

JPRS 6121

FE - China

Eccn

20 Oct 60

(3C-5278) .

Some Improvements in Work Order of Vulcanized Alkaly
Concentrates in Hsin-chi Chemistry Plant, by Liu
T'ai-liu,

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 21 Mar 1960,
p 45.

*JPRS

Sci - Chem

2 Feb 61

(80-5038).

Using Malachite & Diluted Sulfuric Acid to Obtain
Copper Sulfate,

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 21 Mar 1960,
pp 45-46.

*JPRS

Sci - Chem

2 Feb 61

(DC-5278).

Essential Experiences in Increasing the Yield of
Furfural by Native Methods, by Ch'ai Wen-piao,
Lu O-ku,

CHINESE, per, Hua-hsueh Kung-yeh, No 6, 21 Mar 1960,
pp 46-47.

*JPRS

Sci - Chem

2 Feb 61

35:

(40-4076).

Automation in the T'ai-yuan Chemical Plant, by Wang
Yu-kuei, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 7, 6 Apr 1960, p 12.

*JPRS 3941

FE - China
Econ
14/6/60

35

(NC-4076).

Technical Revolution Movement Strong In the Six Mines
of the Chemical System, by Tai Ch'ing-sung, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 7, 6 Apr 1960,
p 18.

7
*JPRS 394/

FE - China
Econ
14/6/60

35

(DC-4076).

Various Factories of the Tientsin Dye and Chemicals
Company Show Results From Improvements in Working
Style, by Ma Feng-chang, Chiang Han-chang. 1p.

CHINESE, per, Hua-hsueh Kung-yeh, No 7, 6 Apr 1960,
p 29.

JPRS 3941

FE - China
Econ
14/6/60

(NY-5808)

Automation and Mechanization in Enterprises, by
Yu Min, 9 pp.

CHINESE, per, Hua-hsueh Kung-~~teh~~, No 7, Apr 1960,
pp 30, 31.

JPRS 7802

TE - China

Econ

Apr 61.

148,932

(NY-5808)

Cut Waste in Calcium Carbides; Increase the
Production of Plastics, 5 pp.

CHINESE, per, Hua-hsueh Kung-yuh, No 7,
6 Apr 1960, p 34.

JPRS 7802

FE - China

Econ

Apr 61

148,937

35

(66-4026).

Experiences in Continuous Neutralization in Chloro-
benzene Production, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 7, 6 Apr 1960,
p 35.

JPRS 3941

FE - China
Econ
14/6/60

(NY-5808)

Reconstruction of a Semi-Water Gas Converter, by
Liu Ch'un-yuan, 8 pp.

CHINESE, per, Hua-hsueh Kung-yen, No 7,
6 Apr 1960, pp 38-40.

JPRS 7802

FE - China

148,918

Econ

Apr 61

(NY-5808)

Measures to Save Electricity and Increase the
Volume of Output in Carbide Production, by Cheng
Shih-ku, 7 pp.

CHINESE, par, Hua-hsueh Kung-yeh, No 7,
6 Apr 1960, pp 41, 42.

JPRS 7802

148,919

FE - China

Icon

(NY-5808)

Experiments in Using Sea Water to Slake Lime,
by Chiang K'un-liang, 8 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 7,
6 Apr 1960, pp 43-45.

JPRS 7802

FI - China

948, 120

Econ

Apr 61

(NY-5808)

Two Innovations in Making Native Contact Sulfuric
Acid, 7 pp.

CHINESE, per, Hua-hsueh Kung-yuh, No 7,
6 Apr 1960, pp 46-48.

JPRS 7802

Sci

148,934

Apr 61

(NY-5808)

High Production Experience of a 400-Ton Annual
Output Contact Sulfuric Acid Plant, by Shen
Ch'ien-an, 5 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 7,
6 Apr 1960, pp 49, 50.

JPRS 7802

148,935

Sci.

Apr 61

35

(DC-4076).

rongly Increase Production and Economy of Chemical
w Materials, 4 pp.

INESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
3-5.

JPRS 3941

- China

on
p 60

126,992

35

(DC-4076).

Second 1960 National Conference on Chemical Industry
Production and Supply Opened in Peiping, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
pp 6, 7.

*JPRS, 3941

FE - China
Econ
14/6/60

(SF-1448).

Using Waste Products to Prevent Spoilage of Agri-
cultural Products by Bacteria and Pests,

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
p 13.

*JPRS 4641

Sci - Chem

10 Feb 61

35

(DE-H026).

Basic Raw Material, Epoxy-Resins Obtained From Waste
Gases, /p.

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
p 14.

JPRS 3941

FE - China
Econ
14/6/60

35

(DC 4076).

One Thousand [Chemical] Factories Result From 40 Days
Strenuous Effort. 18-

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
p 19.

JPRS 3941

FE - China
Econ
14/6/60

(SF-1491)

News Briefs on Technical Revolution, 4 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
p 26.

JPRS 4641

Sci - Chem

Jun 61

155,434

(SF-1448).

On Using Non-Metallic Equipment, *2 pr*

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
p 34.

*JPRS

4641

Sci - Chem

10 Feb 61

35

(DC-4076).

Acid Resistent Porcelain High Pressure T'ien-yuan-60
Type Pump Experimentally Produced, 1 p-

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
p 34.

JPRS 3941

FE - China
Econ
14/6/60

(SF-1491).
Using Low-Quality Ores in Production of Contact
Sulphur, by T'ang K'e-hui, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
pp 40-41.

*JPRS 4641

Sci - Chem

10 Feb 61

(SF-1491)

Experience and Direction of Improvement in Contact
Sulfur Production, 5 PP.

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
pp 42-44.

JPRS 4641

155,436

Sci - Chem

Jun 61

(SF-1491

Several Types of Automatic Analyzers Which We Have
Built, by Wu Chun-chou, 4 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
pp 45-47.

JPRS 4641

Sci - Chem

155,435

Jun 61

(SF-1490).

Using Anthracite to Replace Coke in Production of
Carbides, 2 pp

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
pp 47-48.

*JPRS

4641

Sci - Chem

10 Feb 61

(SF-1491).

News of Chemical Industry Technology, 2 pp

CHINESE, per, Hua-hsueh Kung-yeh, No 8, 21 Apr 1960,
p 49.

*JPRS 4641

Sci - Med

10 Feb 61

35

(NY-4526).

"Beat Lanchow", by Tong Feng-shan, Hu Hsien-tsung,
1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
~~1 p.~~

~~CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,~~

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Chemical Industry Briefs, 5 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
pp 7, 9.

JPRS 5472

FE - China
Eccm
Sep 60

124,924

(NY-4526).

35

General Utilization Supplements Sources of Raw
Material, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
pp 16, 17.

JPRS 5472

FE - China
Econ
Sep 60

(NY-4526).

35

Chemical Industry in Shantung Province Promotes
"Use Gas" Drive, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 18.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

The Chi-Hsing Chemical Plant Becomes a "# Not" Plant,
2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 20.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Sewage Disposal and General Utilization in the
Chi-lin Chemical Co., 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 21.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Utilization of Waste Material, 3 pp.

CHINESE, per, Hua-haueh Kung-yeh, No 9, 6 May
1960, pp 26, 27.

JPRS 5472

FE - China
Econ
Sep 60

124,925

35

(NY-4526).

Small Synthetic Ammonia Plants Being Built in
Anhwei Province, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 28.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

The Building of Small Synthetic Ammonia Plants,
2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
pp 31, 32.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Various Sulfur Plants Promote Method of Uniting
Impoverished Oxygen With Sulfur, by Sung Ch'i-yao,
2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 1960,
p 41.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Inexpensive Paper Detonating Fuse, by ChowFong-yung,
1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 41.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Mixed Fertilizer Containing Phosphate and Potash
From Local Minerals, by Ch'u P'ei-tung, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 43.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Effective Technical Innovation Drive in the
Hsiang-Yung Potash-Calcium Mixed Fertilizer Factory,
~~by Hua-hsueh Kung-yeh~~ 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 45.

JPRS 5472

FE - China
Econ
Sep 60

35

(NY-4526).

Records Set by the No 4 and No 5 Furnaces of the Lanchow Sulfuric Acid Plant, by Hsieh Yuan-kuang, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 9, 6 May 1960,
p 46.

JPRS 5472

FE - China
Econ
Sep 60

(SF-1019)

Taking the Excellent Opportunity, Vow to be
Completely Victorious in the Second Quarter, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 1, (extract).

JPRS 4061

FE - China

Econ

Sep 60

(SF-1019)

New High Tide in the Combined Utilization and
Gasification of Coal, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 7, (excerpt).

JPRS 4061

FE - China

Econ

Sep 60

(SF-1019)

The First Mobilization Conference, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 8, (extract).

JPRS 4061

FE - China

Econ

Sep 60

(SF-1019)

Gasification, The Great Revolution in Coal
Utilization, by Kuo Che-yuan, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
pp 9, 10, (excerpts).

JPRS 4061

FE - China

Econ

Sep 60

(SF-1619)

Gasification Comes to Chekiang, 2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 11, (extract).

JPRS 4061

FE - China

Econ

Sep 60

(SF-1019)

Utilization of Coal Gas in the Production of
Calcium-, Magnesium-, and Phosphorous-
Fertilizers, 3 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 10,
21 May 1960, pp 12, 13, (extracts).

JPRS 4061

FE - China

Econ

Sep 60

127,096

(SF-1019)

Hsu-ch'ang City Coking Plant Successful in Coke Product
Recovery and Processing, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 14, (excerpt).

JPRS 4061

FE - China

Econ

Sep 60

(SF-1019)

Promote Technological Revolution in Synthetic Ammonia:
Accelerate Development of Synthetic Ammonia Industry,
2 pp.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 17.

JPRS 4061

FE - China

Econ

Sep 60

(SF-1019)

Fly High the Banners of People's Communes and Raise a
High Tide of Chemical Industry Construction, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 18, (excerpts).

JPRS 4061

FE - China

Econ

Sep 60

(SF-1019)

Harbin Oil and Fats Factory Carried Out Integrated
Utilization, by Wang Lo-chun, 1 p.

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 20.

JPRS 4061

FE - China

Econ

Sep 60

(SF-1494)

Domestic Sulfuric Acid-Making Towers Converted to
Small-Scale Contact Process Without Acid Spraying,
by Li Shang-p'eng, Ch'en Hsien-yan], 4 pp.

CHINESE, per, Hua-hueh Kung-yeh, No 10, 21 May 1960,
pp 36-37.

JPBS 4545

151,126

Sci - Chem

May 61

(SF-1494).

Some Methods in Increasing the Electric Current
Efficiency in the Electrolytic Preparation of
Caustic Soda, *2 pp*

CHINESE, per, Hua-hsueh Kung-yeh, No 10, 21 May 1960,
p 38.

6 *JPRS 4545

Sci - Chem

10 Feb 61

Epoxy-Phenolic Adhesives, by Wang Chih-lu,
Ch'ien Tao-I, 7 pp.
CHINESE, per, Hua-hsueh T'ung-pao, Peking, No 10,
Oct 1962, pp 41-43.
JPRS 46920

Sci-Mat
Dec 68

354,004

(FDD 27815)

Dr Heyrovsky's Efforts and Achievements (China), by Han
Tsu-k'ang, 10 pp.

CHINESE, no per, Hsu-hsueh Shih-chieh, Vol XI, No 3,
Shanghai, 10 Mar 1956, pp 117-120.

CIA/FDD U-8433

FE - China

Sci - Chemistry, analytical

~~36,548~~

86812

~~CONFIDENTIAL~~

Vapor Phase Inhibitors,. UNCLASSIFIED

CHINESE, per, Hui-Hsueh-Shih-Chieh, 1958,
pp 219-221.

USACRAMAC, FPB
Tr 97694B

Sci - Chen

Sep 58

73,057

TT-64-10591

Kao, Chin-hai.

THE USE OF SODIUM CHLORIDE IN PLACE OF
CAUSTIC ALKALI IN THE FUSION OF GLASS. [1963]
[11p] (foreign text included)

Order from OTS, SLA, or ETC \$1.60 TT-64-10591

Trans. of Hua Hsueh Shih Chieh (Chinese People's
Republic) 1959, v. 14, no. 3, p. 106-108.

DESCRIPTORS: *Glass, Sodium compounds, Chlorides,
Heat of fusion, Alkali metal compounds, *Fused
materials,

(Materials--Ceramics, TT, v. 11, no. 9)

I. Kao, Chin-hai

Office of Technical Services

Chien, H. L.
VENTURI SCRUBBERS. [1961] 12p.
Order from OTS or SLA \$1.60

61-20518

Trans. of [Hua Hsueh Shih Chieh] (Chinese People's Republic) 1959, v. 14, June, p. 287-289.

DESCRIPTORS: Chemical industry, Particles, Disposal, Cleaning, Gases, Impurities, *Venturi tubes.

In 1956 the Singyeh Sulfuric Acid Works in Shanghai installed a Venturi scrubber in place of the electrostatic precipitator in the tail gas cleaning section of the contact-process sulfuric acid plant. After operating the plant for more than three years, it has witnessed the satisfactory performance of the Venturi scrubber. Besides using the Venturi scrubber for cleaning the tail gas, another Venturi scrubber (Engineering--Chemical, TT, v. 7, no. 8) (over)

61-20518

1. Title: Dust removal
1. Chien, H. L.

Office of Technical Services

Rapid Determination of Ethylene Glycol.

CHINESE, per, Hua Hsueh Shih Chieh, No 8, 1959,
pp 398-399.

MLL Ref: 5828.4 1962 (10,074)
(10cm)

Sol - Chem
Jul 63

236,096

(NY 4452)

Plastics, by Kao Ch'i-chin, 3 pp.

CHINESE, per, Hua-hsueh Shih-chieh, No 10,
10 Oct 1959, p 461.

JPRS 5643

FE - China
Econ
Jan 61

136,106